



PATENT APPLICATION
Attorney's Do. No. 8514-26 (ST-A22)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

NED HOFFMAN

Serial No. 09/441,107

Filed: November 16, 1999

For: SYSTEM AND METHOD FOR TOKENLESS
BIOMETRIC ELECTRONIC SCRIP

Assistant Commissioner for Patents
Washington, D.C. 20231

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
AND REVOCATION OF PRIOR POWERS

I, Philip D. Lapsley, Vice President, Engineering, of SMARTTOUCH, INC., a Delaware corporation, (assignee), having a place of business at 727 Allston Way, Berkeley, California 94710, assignee of the entire right, title and interest of the above-described U.S. patent application serial no. 09/441,107, filed November 16, 1999, for SYSTEM AND METHOD FOR TOKENLESS BIOMETRIC ELECTRONIC SCRIP, by assignment from the inventor Ned Hoffman to SmartTouch, Inc. dated November 12, 1999 (copy enclosed), represent that I am empowered to sign on behalf of assignee.

As assignee of record of the entire interest of the above-identified application, all powers of attorney previously given are hereby revoked and the following attorneys and/or patent agents

are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith:

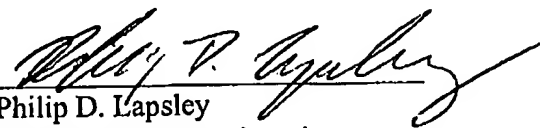
Customer No. 20575

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SMARTTOUCH, INC.,
a Delaware corporation

By 
Philip D. Lapsley
Vice President, Engineering

Dated: 6/22/2000



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COPY OF ORIGINAL
ASSIGNMENT
DO NOT RECORD

Box Assignment

Commissioner of Patents and Trademarks

Washington, D.C. 20231

Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1. Name of party(ies) conveying an interest: NED HOFFMAN, 977 Daniel Street, Sebastopol, California 95472
2. Name and address of party(ies) receiving an interest: SMARTTOUCH, INC., a Delaware corporation, 727 Allston Way, Berkeley, California 94710
3. Description of the interest conveyed: Assignment

Date of execution of attached document: November 12, 1999

4. Application number: 09/441,107 Additional sheet attached? No
5. Name and address of party to whom correspondence concerning document should be mailed:

MARGER JOHNSON & McCOLLOM, P.C.

1030 S.W. Morrison Street

Portland, Oregon 97205

Telephone: (503) 222-3613

6. Number of applications and patents involved:
7. The attached New Application Transmittal sheet shows PTO receipt for \$40 paid 12/1/99 to record this assignment.
8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.
9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Customer No. 20575

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.

Dated: 23 June 2000

By

Alexander C. Johnson, Jr.
Registration No. 29,396

MARGER JOHNSON & McCOLLOM, P.C.

1030 S.W. Morrison Street

Portland, Oregon 97205

Telephone: (503) 222-3613

cc: Philip D. Lapsley

Total number of pages comprising cover sheet and attached assignment: 4

ASSIGNMENT

WHEREAS, I, Ned Hoffman, hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: System and Method For Tokenless Biometric Electronic Signatures

Filing Date: _____ Serial No.: _____

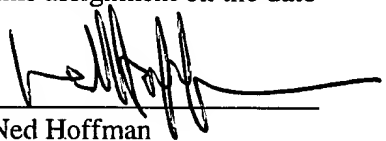
WHEREAS, SMARTTOUCH, Inc., 727 Allston Way, Berkeley, California 94710, a corporation of the State of Delaware, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to Assignor by Assignee, receipt of which is hereby acknowledged, Assignor have sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignor further agrees that he will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the date indicated below.

Date: 11/12/99


Ned Hoffman

STATE of: CALIFORNIA)
COUNTY of: ALAMEDA)

On this 11 day of November, in the year of 1999, before me, the undersigned notary public, personally appeared the above-named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument, and acknowledged that they executed the same.

Notary Public
COPY OF ORIGINAL
ASSIGNMENT
DO NOT RECORD

SEAL